

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

AUG 22 2013

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>SF-043260-B</b>
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>		7. If Unit of CA/Agreement, Name and/or No.
3b. Phone No. (include area code) <b>(505) 326-9700</b>		8. Well Name and No. <b>Murphy E #2</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface UNIT C (NENW), 990' FNL &amp; 1550' FWL, Sec. 34, T30N, R11W</b>		9. API Well No. <b>30-045-09060</b>
		10. Field and Pool or Exploratory Area <b>Aztec Pictured Cliffs</b>
		11. Country or Parish, State <b>San Juan New Mexico</b>

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources requests permission to P&A the subject well per the attached procedure, current & proposed wellbore schematics. The Pre-Disturbance site visit was held on 8/16/13 w/ Bob Switzer. The Re-Vegetation Plan is attached. A closed loop system will be utilized for this P&A.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD SEP 3 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Denise Journey</b>		Title <b>Regulatory Technician</b>
Signature <i>Denise Journey</i>		Date <b>8/21/2013</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>Original Signed: Stephen Mason</b>	Title	Date <b>AUG 29 2013</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  
(Instruction on page 2)

**ConocoPhillips**  
**MURPHY E 2**  
**Expense - P&A**

Lat 36° 46' 24.636" N

Long 107° 58' 52.428" W

**PROCEDURE**

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU coil tubing rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact Wells Engineer.**
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
4. Rig up coil tubing unit.
5. POOH with nylon coil tubing (per pertinent data sheet). RD and MO coiled tubing unit.  
**Tubing Size:** 1-3/4"      **Set Depth:** 2193'      **Length:** 2183'  
\*\*If this well has rods or a packer, then modify the work sequence as appropriate.

6. MIRU P&A rig. ND wellhead and NU BOP. Pressure and function test BOP as per COP Well Control Manual. PU work string and roundtrip bit & watermelon mill for 2-7/8" casing to top perf @ 2193' or as deep as possible. **Do not run mill into perforations.**

7. RU wireline and RIH with 2-7/8" CIBP and set @ 2143'. Load hole. Pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Run CBL on 2-7/8" casing from 2143' to surface under pressure to identify TOC. Adjust procedure as appropriate for TOC.

**All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.**

**8. Plug 1 (Pictured Cliffs perforations and formation top & Fruitland Coal top, 1560-2143', 18 Sacks Class B Cement)**

TIH with tubing and test to 1000 psi. Mix 18 sx Class B cement and spot above CIBP to cover the Pictured Cliffs perforations and Fruitland Coal formation top. POOH.

**9. Plug 2 (Kirtland and Ojo Alamo Formation Tops, 785-990', 68 Sacks Class B Cement)**

RIH and perforate squeeze holes at 990'. RIH and set 2-7/8" CR at 940'. Establish rate into squeeze holes. Mix 68 sx Class B cement. Squeeze 61 sx outside the casing and leave 7 sx inside the casing to cover the Kirtland and Ojo Alamo formation tops. POOH.

**10. Plug 3 (Surface Shoe, 0-183', 65 Sacks Class B Cement)**

RIH and perforate squeeze holes at 183'. Establish circulation out bradenhead with water and circulate bradenhead annulus clean. Mix 65 sx Class B cement and pump down casing to circulate good cement out bradenhead. Shut in well and WOC.

11. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

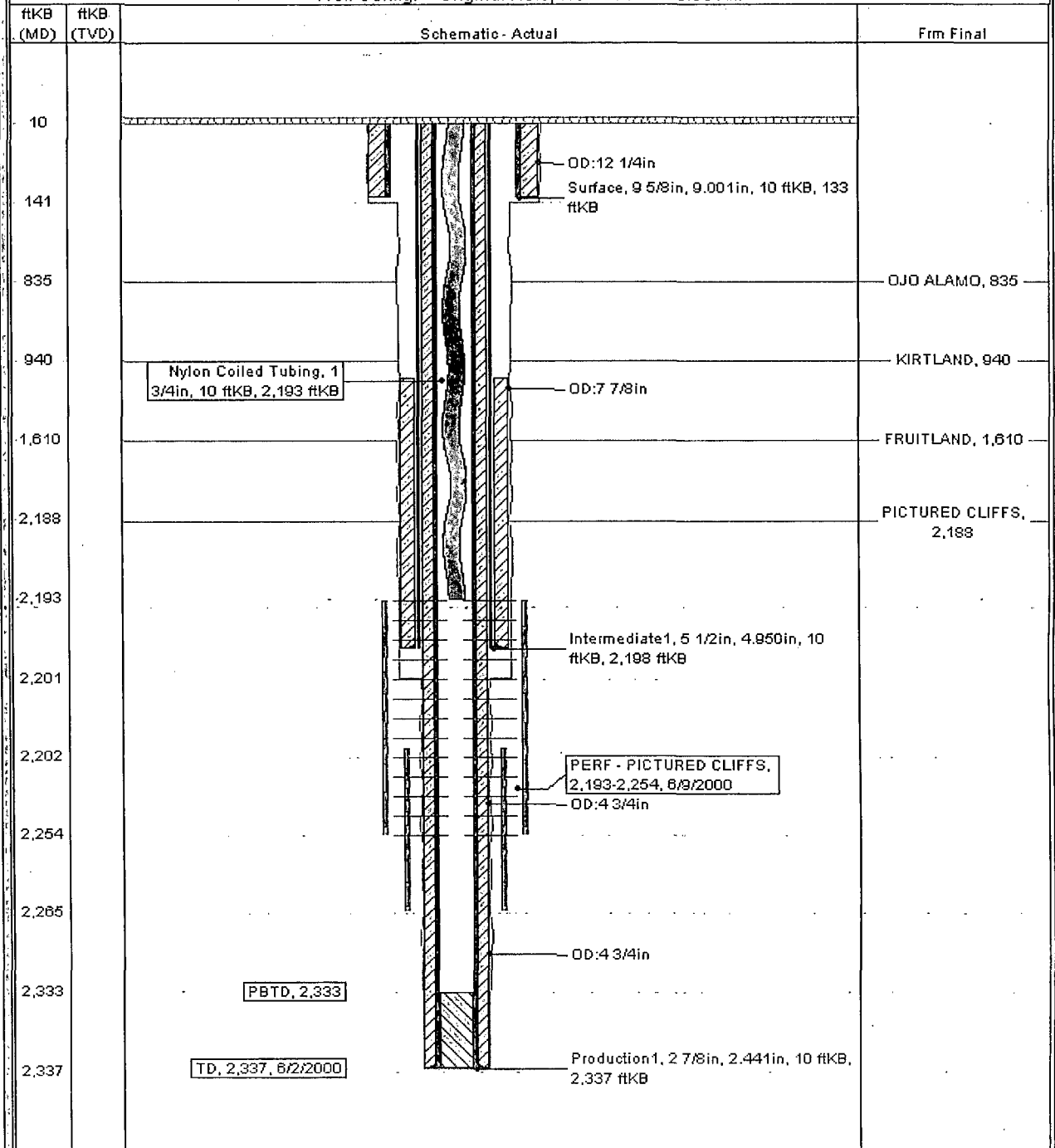
# Current Schematic

ConocoPhillips

Well Name: MURPHY E #2

WPTZ 0001	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004509060	NMPM 034-030N-011W	ALFEC PICTURED CLIFFS (C43)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,874.00	5,884.00	10.00	5,884.00	5,884.00		

Well Config: - Original Hole, 7/8/2013 10:05:08 AM



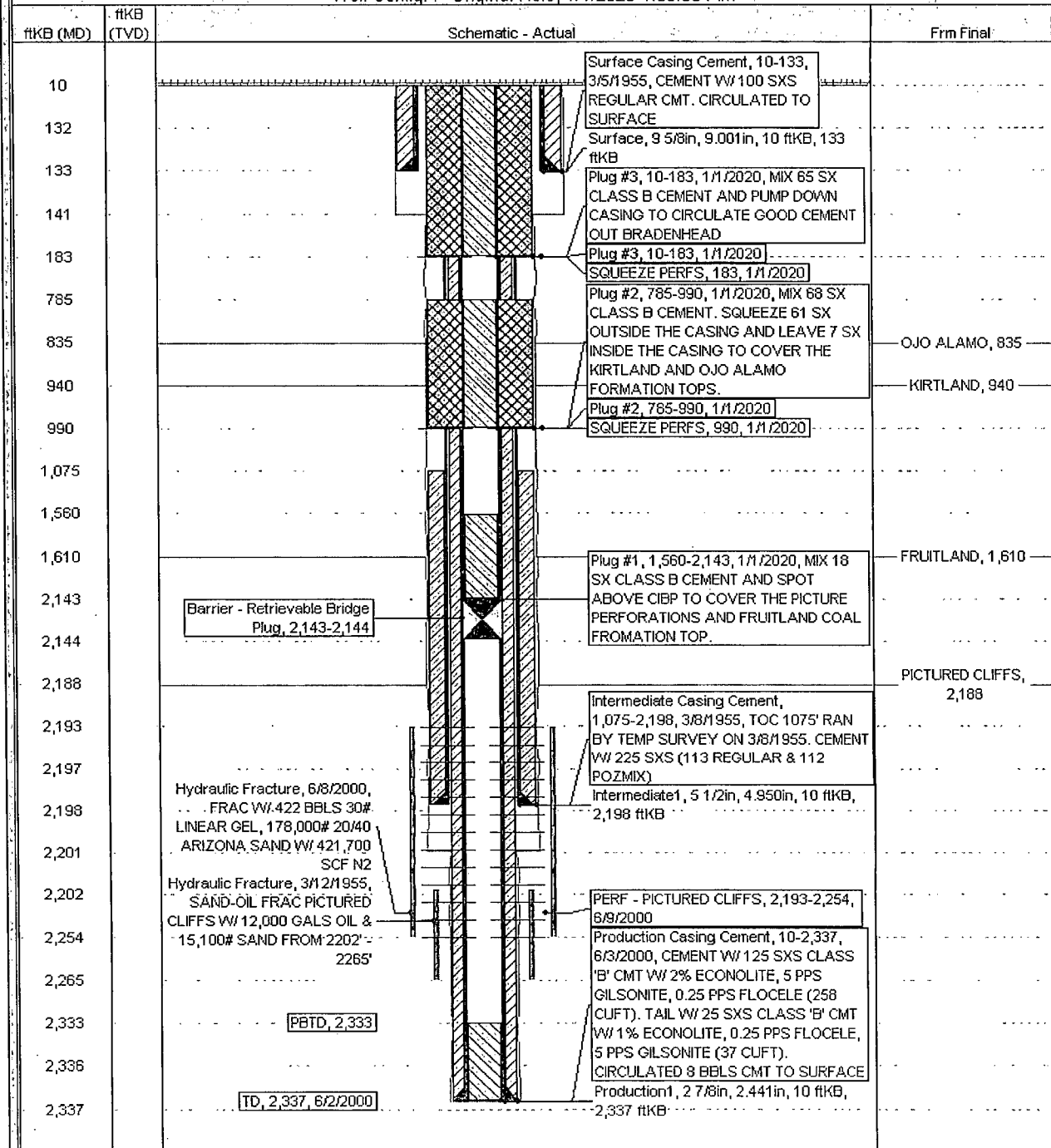
# Proposed Schematic

ConocoPhillips

Well Name: MURPHY E #2

API/OWI 3004509060	Surface Legal Location 034-030N-011W-C	Field Name ACTEC PICTURED CLIFFS GAS	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,874.00	Original BRT Elevation (ft) 5,884.00	IS-Casing Depth (ft) 10.00	IS-Casing Floor Depth (ft) 5,884.00	IS-Tubing Hanger Depth (ft) 5,884.00	

Well Config: - Original Hole, 1/1/2020 1:30:00 AM



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 2 Murphy E

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.